

SACRAMENTO DISTRICT INSTRUCTIONS TO:
CEGS-02558

PART 1 GENERAL

REFERENCES

Delete the following:

AASHTO M 20, AASHTO M 52, AASHTO M 81, AASHTO M 140, AASHTO M 208, AASHTO M 226 and AASHTO T 40.

ASTM D 490, ASTM D 633, ASTM D 946, ASTM D 2028 and ASTM D 3381

Justification for District change (Not Used in Sacramento District)

Measurement for Payment - Line 9, Delete ASTM D 633.

Replace WAYBILLS AND DELIVERY TICKETS with the following:

WAYBILLS AND DELIVERY TICKETS

Copies of weigh bills or delivery tickets shall be submitted to the Contracting Officer or his designated representative, during the progress of the work. The Contractor shall furnish the Contracting Officer or his designated representative scale tickets for each load of material weighed; these tickets shall include tare weight, identification mark of each vehicle weighed, date, time, and location of loading. Tickets shall be furnished at the point and time individual loads arrive at the work site. A master log of all vehicle loading shall be furnished for each day of loading operation. The Contractor shall file with the Contracting Officer or his designated representative, the master log of loadings, certified weigh bills and/or certified tickets within 24 hours of material delivery. Prior to final payment, the Contractor shall furnish written certification that the material recorded on the submitted weigh bills and/or certified tickets was actually used in the construction covered by the contract. [The Contractor shall not remove bituminous material from storage until the initial outage and temperature measurements have been taken. The

delivery of storage units will not be released until the final outage has been taken.]

Add the following after WAYBILLS AND DELIVERY TICKETS:

SCALE WEIGHT MEASUREMENT

Scales used for measurement shall, at the option of the Contractor, be either public scales or approved scales provided by the Contractor. Weighing shall be at the point nearest the work at which a public scale is available or at which it is practicable for the Contractor to provide a scale. Scales shall be standard truck scales of the beam type and shall be equipped with the type registering beam and an "over and under" indicator and be capable of accommodating the entire vehicle. Scales shall be tested, approved and sealed by an inspector of the state in which the scale is located. Scales shall be calibrated and resealed as often as necessary and at least once every three months, to insure continuous accuracy. All calibrations and sealing of the scales shall be at the expense of the Contractor. The necessary number of standard weights for testing the scales shall be on hand at all times. If an official inspection bureau on state is not available, the scales will be tested by the Contracting Officer. When the Contractor's scales are used, the Contractor shall be certified and bonded as a licensed weighmaster in accordance with all requirements of the State Inspection Bureau, and any employees of the Contractor engaged in weighing materials under this contract shall be deputized to perform such weighing under the provisions of the State Inspection Bureau charged with scales inspection. No more than one licensed weighmaster shall be employed during a single shift of weighing operations. Multiple weighmasters including individual truck drivers are prohibited. Vehicles used for hauling materials shall be weighed empty daily at such time as desired, and each shall bear a plainly legible identification mark.

Justification for District change (CESPK-RV (30 Sep 87); Geotechnical Recommendation 17 Apr 86) Waybills or delivery tickets are required by C-O to verify the amounts used even though the contract is lump sum)

PART 2 PRODUCTS

BITUMINOUS MATERIAL

Line 1 - Delete [Tar], [Cutback asphalt] and [Asphalt]

Line 2 - Delete entire line

Line 3 - Delete or [AASHTO M 52] and [AASHTO M 81]

Justification for District change (Not used in Sacramento District)

PART 3 EXECUTION

After paragraph PREPARATION OF SURFACE add:

PREPARATION OF EMULSION

The emulsion is diluted by adding an equal volume of compatible water. If the emulsion is to be diluted in the field, test first by placing an equal volume of emulsion and compatible water in a glass quart jar (do not use a metal container, as it could cause the emulsion to "break"), mix for one minute. If the emulsion "breaks", another water source or a different emulsion is required.

APPLICATION TEMPERATURE - Delete last sentence

TABLE - Delete Liquid Asphalts, Paving Grade Asphalts, Penetration Grades and Viscosity Grades

Emulsions

Delete MS-1 and HFMS-1

Justification for District change (Not used in Sacramento District)

SS-1, SS-1h, CSS-1 and CSS-1h

Change temperatures to 70-140 degrees F for the following:

Delete the following:

*These temperature ranges exceed the flash point of the material and care should be taken in their heating.

Justification for District change:

(Geotechnical recommendation -Construction Quality Control)

APPLICATION

Line 11 - Delete the remainder of paragraph from "No smoking".

FIELD QUALITY CONTROL

Line 3 - Delete "for every [.....tons]"

Line 4 - Delete [..... gallons] of bituminous used.]

Justification for District change (Sacramento District - Geotechnical Testing Requirements, 21 October 1987

Sampling - Line 2, Delete "or AASHTO T 40"

NOTE A:

a. - Delete

b. - Delete

Anionic Emulsion (ASTM D 977) - Delete "or AASHTO M 140"

c. - Delete MS-1 and HFMS-1.

Cationic Emulsions (ASTM D 2397 - Delete "or AASHTO) M 208"

d. - Delete

Justification for District change:

(Not used in Sacramento District - Construction Quality Control)